

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		pixel same S51	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 16:35
		same S51	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 16:35
		"51555366.pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/14 14:18
		(ion\$5) adj particle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/14 10:38
		ion\$5 adj particle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/16 11:07
L1	835	liquid adj scintillator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/16 14:13
L2	76	L1 same D	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/16 14:57
L3	0	250/361.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/16 14:57
L4	0	250/361.00R.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/16 14:57

## EAST Search History

L5	0	250/361.\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/16 14:57
L6	0	250/361.\$3.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/16 14:57
L7	0	250/361.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/16 14:57
L8	0	250/360.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/16 14:59
L9	0	250/361.R.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/16 14:59
L10	837	250/361R.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/16 14:59
S1	1738	scintillator same liquid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/12 18:34
S2	5	scintillator same liquid same binary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/12 18:28

## EAST Search History

S3	7	scintillator same liquid same ternary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/12 18:28
S4	137126	"250".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/12 18:28
S5	4	S2 S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/12 18:32
S6	4	S3 S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/12 18:31
S7	3	S2 S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/12 18:32
S8	63	scintillator same liquid same matrix	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/12 18:34
S9	14	scintillator same liquid same capillary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/12 18:37
S10	19	(scintillator same liquid) (glass same capillary)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/12 18:37

## EAST Search History

S11	11	(scintillator same liquid) (glass same capillary) not S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/12 18:40
S12	255	(average adj free adj path)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/12 18:41
S13	1	(average adj free adj path) (liquid adj scintillator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/12 18:41
S14	33	"2555321"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/13 14:42
S15	6	"0899588"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/13 14:51
S16	4	"5135679"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/13 15:02
S17	9	"6078052"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/13 17:18
S18	834	liquid adj scintillator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/13 17:18

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## EAST Search History

S19	27	S18 mirror	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/13 17:22
S20	255	average adj free adj path	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/13 17:37
S21	1	S18 S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/13 17:23
S22	1754723	glass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/13 17:23
S23	350	S22 S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/13 17:23
S24	344	S22 S18 (capillary or tube or column or cylinder or hose or pipe or well or duct or canal or conduit or vessel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/13 17:25
S25	292	capillary adj bundle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/13 17:37
S26	65	(capillary adj bundle) same glass	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/13 17:38

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## EAST Search History

S27	0	S26 S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/13 17:38
S28	65	S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/13 17:38
S29	0	S26 scintillator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/13 17:38
S30	4	S26 scintillation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/13 18:08
S31	228	liquid same photon same detect	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/13 18:15
S32	76	liquid adj scintillation adj detector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/13 18:15
S33	137190	"250".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/14 10:33
S34	292	capillary adj bundle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/14 10:33

## EAST Search History

S35	7	S33 S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/14 10:37
S36	6425	glass adj capillary	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/14 10:37
S37	3738	((ionis\$3) or (ioniz\$3)) adj particle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/14 10:39
S38	2528755	detector or sensor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/14 10:39
S39	10	S36 S37 S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/14 10:39
S40	0	"51555366.pn"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/14 14:18
S41	0	"51555366".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/14 14:18
S42	0	("51555366").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 14:19

## EAST Search History

S43	2	("5155366").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/14 14:19
S44	2	("5155366").PN. OR ("5266808"). URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 14:27
S45	669	liquid adj scintillator	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 14:27
S46	33363	glass near\$4 capillary	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 14:27
S47	12399	deuterium	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 14:27
S48	0	S45 S46 S47	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 14:27
S49	28	S45 S47	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 14:35
S50	25	S45 pixel	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 14:45
S51	17653	(fiber or scintillator or capillary) near\$3 pixel	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 14:58
S52	1	S51 S45 S46	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 14:46
S53	25725	(fiber or capillary) adj (bundle or array)	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 16:35
S54	111694	"250".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 14:59
S55	1882	S53 S54	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 14:59
S56	16	S53 S54 S45	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 16:34
S57	25	S45 mirror	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 15:38

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## EAST Search History

S58	8844	(parallel adj array)	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 15:38
S59	346	S58 S46	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 15:38
S60	73	S58 (glass adj capillary)	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 15:39
S61	4	S60 S54	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 15:40
S62	1290	capillary adj array	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 15:40
S63	1	S62 S45	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 15:40
S64	4013	capillary near\$2 pixel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/14 16:30
S65	190	S54 S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/14 16:27
S66	166	S54 S64 (array or bundle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/14 16:27
S67	70	capillary near2 pixel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/14 16:30
S68	3	S67 S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/14 16:32

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## EAST Search History

S69	0	S46 "one to one"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/14 16:33
S70	5926	S46 matching	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/14 16:33
S71	198086	pixel	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 16:34
S72	708	S53 same pixel	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 16:40
S73	5	S72 S45	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 16:36
S74	27	(pixel adj per adj fiber) or (pixel adj per adj capillary)	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 16:41
S75	0	((pixel adj per adj fiber) or (pixel adj per adj capillary)) (liquid adj scintillat\$4)	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 16:41
S76	21	(pixel adj per adj fiber) or (pixel adj per adj capillary) scintillat\$3	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 16:42
S77	18	(pixel adj per adj fiber) or (pixel adj per adj capillary) (scintillat\$3 same liquid)	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/14 16:42
S78	1043	pixel same ccd same (capillary or fiber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/16 11:08
S79	245	S78 "250".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/16 11:08

## EAST Search History

S80	1740	scintillator same liquid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/16 11:08
S81	15	S79 S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/16 11:10
S82	18828	liquid adj scintillat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/16 12:32
S83	1775903	capillary or fiber or bundle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/16 11:11
S84	2769	S82 same S83	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/16 11:11
S85	8	S82 same S83 same pixel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/16 11:12
S86	1	S82 same S83 same ccd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/16 11:12
S87	835	liquid adj scintillator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/16 12:32



## EAST Search History

S88	3	S87 same pxe	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/16 12:32
S89	4	S87 same deuterium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/16 14:13

